



13281 U.S. PTO

KUD-C413

THE UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents  
Washington, D.C. 20231



Sir:

Transmitted herewith for filing is the (X) utility, ( ) design, ( ) plant patent application of:

INVENTORS: Keiichi TAKANASHI and Nobumitsu TAKASE

For: DEVICE AND METHOD FOR MEASURING POSITION OF LIQUID  
SURFACE OF MELT IN SINGLE-CRYSTAL-GROWING APPARATUS

Enclosed are:

(X) 27 pages of specification

(X) Abstract

(X) Oath or Declaration

(X) Power of Attorney

6 Sheets of (X) formal ( ) informal drawings

(X) An assignment of the application to: SUMITOMO MITSUBISHI  
SILICON CORPORATION

( ) Preliminary Amendment

( ) Information Disclosure Statement

( ) Change of Address

(X) Assignment Cover Sheet

( ) Petition to Make Special Under 37 CFR 1.102(c)

( ) Applicant is entitled to Small Entity Status



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The filing fee is calculated as follows:

Basic Fee	Number Filed	Number Extra	Large Entity	Small Entity	Amount
Utility	XXX	XXX	\$ 770.00	\$ 385.00	\$ 770.00
Design	XXX	XXX	\$ 340.00	\$ 170.00	
Plant	XXX	XXX	\$ 530.00	\$ 265.00	
Total Claims	10 - 20 =	0	x \$18.00	X \$9.00	
Independent Claims	2-3 =	0	x \$86.00	x \$ 43.00	
Multiple Dependency			\$ 290.00	\$ 145.00	
Late Fee Surcharge			\$ 130.00	\$ 65.00	
Assignment Recordation			\$ 40.00		40.00
TOTAL FEE					\$ 810.00

( ) A check in the amount of \$ .00 to cover the filing fee is enclosed.

(X) A credit card payment form for the \$810.00 fee is enclosed herewith.

( ) Please charge Deposit Account No. in the amount of

( ) This application is filed under the provisions of 37 CFR 1.53 and does not include:

( ) Oath or Declaration

( ) Filing Fee

(X) The Commissioner is hereby authorized to charge payment of the following fees or credit any overpayment to Deposit Account No. 12-2174. A duplicate copy of this sheet is enclosed.

(X) Any additional filing fees required under 37 CFR 1.16.

(X) Any patent application processing fees under 37 CFR 1.17.

( ) The Issue Fee set in 37 CFR 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 CFR 1.311(b).

(X ) Priority is claimed under 35 USC 119 based on the following:

<u>Serial No.</u>	<u>Country</u>	<u>Date</u>
127968	Japan	06 May 2003

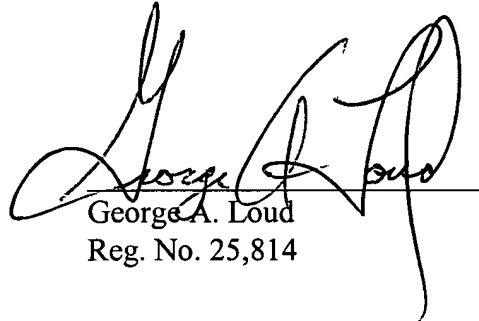
( ) Certified copy enclosed.

( ) Priority is claimed under 35 USC 119(e) based on the following U.S. Provisional Application:

<u>Serial No.</u>	<u>Filing Date</u>
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( ) Priority is claimed under 35 USC 120 based on the following:

<u>Serial No.</u>	<u>Filing Date</u>	<u>Status</u>
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George A. Loud  
Reg. No. 25,814

Dated: April 13, 2004

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